AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

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1.   (Currently Amended) An automation security system, comprising:

an automation asset operatively coupled to a network communication channel, [[an]] the automation asset comprises at least an automation control device and implements the following:

an extensible factory protocol comprising a Control and Information Protocol (CIP) having a path segment adapted to include a segment identifying a requestor of a connection between automation assets and employed to authenticate the requestor, [[to]] the extensible factory protocol transports data between the automation asset and a remote automation asset on a remote network communication channel, the extensible factory protocol is a control-specific transport mechanism for data exchange between automation assets that is adapted to include at least one security field within the extensible factory protocol to exchange data with the remote automation asset, the security field of the extensible factory protocol authenticates at least one of a requestor of the data or a supplier of the data.

2.   (Previously Presented) The system of claim 1, the security field further comprises path information to identify a requester or supplier of a connection.

3.   (Original) The system of claim 2, the path information facilitates non-connected data access by sending out an open-ended message.

4.   (Previously Presented) The system of claim 1 the automation asset further comprises at least one of a controller, a communications module, a computer, a sensor actuator, a network sensor, an I/O device, Human Machine Interface (HMI), an I/O module, or a network device.

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